



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 9
75 Hawthorne Street
San Francisco, CA 94105-3901

September 5, 2017

Ms. Carol Campagna
Shell Oil Company
20945 S. Wilmington Avenue
Carson, California 90810-1039

**RE: Indoor Air Sampling- Coca Cola (Property 23)
Del Amo Superfund Site, Los Angeles, California**

Dear Ms. Campagna:

U.S. Environmental Protection Agency (USEPA) is requesting that an indoor air sampling be conducted before and after the soil vapor extraction (SVE) system installation at Property 23 (Coca-Cola Facility). Data will be used to evaluate indoor concentrations of volatile organic compounds (VOCs) before and after implementation of the remedy. This is necessary because concentrations of tetrachloroethene (PCE) in the subsurface remain high enough to pose a long-term health risk for indoor air. Installation and operation of an SVE system should reduce vapor intrusion potential by reducing vapor concentrations over time. The SVE may also provide a pressure differential between the subsurface and indoor air that reduces vapor intrusion potential while operating. However, SVE systems can increase the potential for vapor intrusion by mobilizing VOCs and creating pathways for vapor migration. Conducting indoor air sampling before and after a SVE system is installed will help determine what type of affect it has on indoor air concentrations. If the SVE system is contributing to higher indoor air concentrations, operational changes to the SVE or subslab depressurization may be required.

Specifically, we are requesting the following:

- 1) One to two indoor air samples and one outdoor air sample be collected over an 8-hour period using Summa canisters equipped with flow control valves **prior to installation of the SVE system.**
- 2) One to two indoor air samples, and one outdoor air sample be collected over an 8-hour period using Summa canisters equipped with flow control valves **within the first 3 months of continuous SVE system operations.**

Samples should be collected under identical circumstances. The space should be unventilated with the exterior doors closed at least 12 hours prior to and during sampling.

In addition, USEPA requests that the following data be recorded during the sampling:

- 1) VOC emission sources operating within the building;
- 2) Location of the sampling on a layout of the building; and
- 3) Wind direction outside the building on an hourly basis

Regards,

A handwritten signature in black ink, appearing to read "Anhtu Nguyen", is located below the "Regards," text.

Anhtu Nguyen
Project Manager
California Site Cleanup Section II, Superfund Division

cc: Pat Gobb, Newfields
Julie Doane-Allmon, AECOM
Lora Battaglia, CB&I